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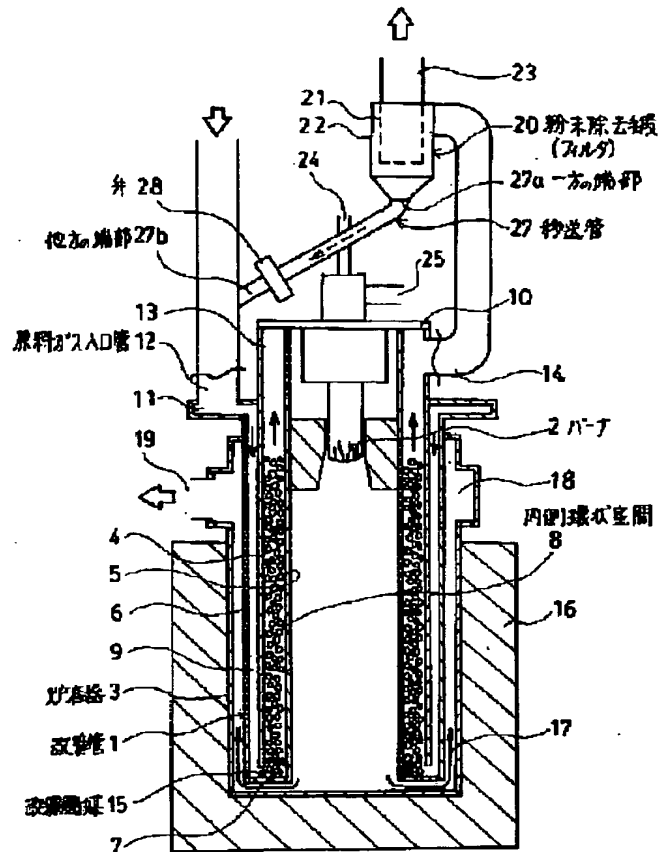
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APPLICANT : FUJI ELECTRIC CO LTD;

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TITLE : FUEL REFORMER



ABSTRACT : PURPOSE: To provide a fuel reformer designed to retain its performance even if a granular reforming catalyst in a reforming tube is powdered by connecting a carrying tube to the raw fuel inlet for the reforming tube.

CONSTITUTION: One end 27a of a carrying tube 27 is connected to the bottom of a filter 20, the other end 27b to a stock gas inlet tube 12. In this case, it is so arranged that the end 27a be situated above the other end 27b with a gradient descending gradually from the end 27a toward the other end 27b. The carrying tube 27 is also provided with an on/off valve 28. Reforming catalyst powder trapped by the filter 20 is checked by the valve 28 at 'off' state while the reformer is being in operation. However, on shutdown of the reformer, the valve 28 is turned to 'on', the catalyst powder is then allowed to flow via the stock gas inlet tube 12 into the reforming tube 1 and, returns to the reforming catalyst layer in the inside annular space 8.

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